

UNCOMPENSATED SPECIFICATIONS (guaranteed @ +25°C)

Frequency Range (GHz)	Output Power at 1dB Gain Comp (dBm) Min.	Gain (dB) Min.	Gain Flatness (dB) Max.	Gain Variation with Temp (dB/°C) Max.	Noise Figure (dB) Max.	Input and Output VSWR Max.	DC Current at +15V (mA)	Package Styles	Part Number
4.4 - 5.0	+12	11	±0.30	0.012	1.5	1.8	80	A1, A3	MLA 2547-101
		22	±0.40	0.024	1.5	1.8	160	A1, A3	MLA 2547-102
		33	±0.50	0.036	1.5	1.8	240	B1, B3	MLA 2547-103
		44	±0.50	0.050	1.5	1.8	320	B1, B3	MLA 2547-104
	+18	10	±0.30	0.012	4.0	1.6	100	A1, A3	MLA 2547-201
		20	±0.40	0.024	3.0	1.6	180	A1, A3	MLA 2547-202
		30	±0.50	0.036	3.0	1.6	260	B1, B3	MLA 2547-203
		40	±0.50	0.050	3.0	1.6	340	B1, B3	MLA 2547-204
	+21	9	±0.40	0.012	5.0	1.6	120	A1, A3	MLA 2547-301
		19	±0.50	0.024	4.0	1.6	220	A1, A3	MLA 2547-302
		29	±0.50	0.036	3.0	1.6	300	B1, B3	MLA 2547-303
		39	±0.50	0.050	3.0	1.6	380	B1, B3	MLA 2547-304
	+26	8	±0.40	0.012	6.0	1.8	200	A1, A3	MLA 2547-401
		17	±0.50	0.024	5.0	1.8	320	A1, A3	MLA 2547-402
		27	±0.50	0.036	4.0	1.8	420	B1, B3	MLA 2547-403
		37	±0.50	0.050	3.0	1.8	500	B1, B3	MLA 2547-404
	+29	7	±0.50	0.012	7.0	1.8	400	A1, A3	MLA 2547-501
		16	±0.75	0.024	6.0	1.8	600	A1, A3	MLA 2547-502
		26	±1.00	0.036	5.0	1.8	700	B1, B3	MLA 2547-503
		36	±1.00	0.050	4.0	1.8	800	B1, B3	MLA 2547-504

TEMPERATURE COMPENSATED SPECIFICATIONS (guaranteed -55°C to +95°C)

Frequency Range (GHz)	Output Power at 1dB Gain Comp (dBm) Min.	Gain (dB) Min.	Gain Flatness (dB) Max.	Gain Variation with Temp (dB) Max.	Noise Figure (dB) Max.	Input and Output VSWR Max.	DC Current at +15V (mA)	Package Styles	Part Number
4.4 - 5.0	+12	9	±0.40	±0.50	2.5	1.8	80	A1, A3	MLA 2647-101
		18	±0.50	±0.75	2.5	1.8	160	A1, A3	MLA 2647-102
		27	±0.50	±1.00	2.5	1.8	240	B1, B3	MLA 2647-103
		36	±0.50	±1.50	2.5	1.8	320	B1, B3	MLA 2647-104
	+18	8	±0.40	±0.50	5.0	1.6	100	A1, A3	MLA 2647-201
		17	±0.50	±0.75	4.0	1.6	180	A1, A3	MLA 2647-202
		26	±0.50	±1.00	4.0	1.6	260	B1, B3	MLA 2647-203
		35	±0.50	±1.50	4.0	1.6	340	B1, B3	MLA 2647-204
	+21	8	±0.40	±0.50	6.0	1.6	120	A1, A3	MLA 2647-301
		17	±0.50	±0.75	5.0	1.6	220	A1, A3	MLA 2647-302
		26	±0.50	±1.00	4.0	1.6	300	B1, B3	MLA 2647-303
		35	±0.50	±1.50	4.0	1.6	380	B1, B3	MLA 2647-304
	+26	7	±0.50	±0.50	7.0	1.8	200	A1, A3	MLA 2647-401
		16	±0.50	±0.75	6.0	1.8	320	A1, A3	MLA 2647-402
		25	±0.50	±1.00	5.0	1.8	420	B1, B3	MLA 2647-403
		34	±0.50	±1.50	4.0	1.8	500	B1, B3	MLA 2647-404
	+29	6	±0.50	±0.50	8.0	1.8	400	A1, A3	MLA 2647-501
		15	±0.75	±0.75	7.0	1.8	600	A1, A3	MLA 2647-502
		23	±1.00	±1.00	6.0	1.8	700	B1, B3	MLA 2647-503
		30	±1.00	±1.50	5.0	1.8	800	B1, B3	MLA 2647-504